

REMARKS

Claims 1 and 13 have been amended and claims 23-24 have been added. Consequently, claims 1-3 and 7-24 remain pending in this application.

The Examiner rejected claims 1-3, 7, 8, 13-22 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,735,302 (*Caine*). The Examiner asserts that *Caine*, at col. 3, line 34 through col. 7, line 33, and col. 9, lines 37-60, teaches the features of claim 1. Applicant respectfully traverses this rejection. Among other things, claim 1 calls for employing a common analog-to-digital (A/D) converter for the purposes of processing voice signals and ring trip detection. The patent specification, for example, describes one embodiment in which the A/D converter 305 of Figure 2 may be utilized for the various specified purposes. *Caine* at least does not teach using an A/D converter for the purposes of processing voice signals, ring trip detection as indicated by Figure 8. Figure 8 discloses using one ADC 710 for ring trip detection and a different ADC 720 for voice processing. Thus, for this reason alone, claim 1 and its dependent claims are allowable. Furthermore, claims 13-18 and 24 are also allowable for at least this reason.

Claim 7 is also allowable over *Caine*. *Caine* at least fails to disclose a first circuitry comprising an analog-to-digital converter that is used for processing of voice signals and for DC feed control and a second circuitry that is capable of receiving at least a portion of a ringing signal provided to a subscriber line and providing the portion with ringing signal to the analog-to-digital converter of the first circuitry. For at least this reason, claim 7 and its dependent claims are allowable.

Claim 9 and its dependent claims are allowable because *Caine* at least does not teach a switch capable of coupling the input and output terminal with the feedback path in response to receiving a control signal.

Claims 19-22 are allowable because *Caine* at least fails to teach or suggest coupling the input and the output terminal of the first path in response to receiving the control signal.

In light of the reasons presented above, Applicant respectfully asserts that the pending claims are allowable. Accordingly, a Notice of Allowance is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at the Houston, Texas telephone number (713) 934-4064 to discuss the steps necessary for placing the application in condition for allowance.

Respectfully submitted,

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Date:

8/1/05

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